

MATERIAL DATA SAFETY SHEET



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Earth City, MO 63045
USA

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Transportation Emergencies (800) 424-9300
Outside U.S. call (703) 527-3887 collect
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SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME(S): Ice Creme B Compound	RADTECH ID: 13-650/1B
CHEMICAL NAME: NA	PRODUCT USE: Acrylic Finishing / Re-Glossing Compound

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS#	EXPOSURE LIMITS	LD 50 (SPECIES & ROUTE)	LC50 (SPECIES)
Odorless Mineral Spirits	7-13	64742-48-9	400 ppm (5)	NE	NE
Silica, Amorphous, Diatomaceous Earth	1-5	61790-53-2	10 mg/m ³ (1)	NE	NE
	3-7	68855-54-9	3 mg/m ³ respirable (1)	NE	NE
Crystalline Silicas	0-4.3	14806-60-7	.05 mg/m ³ (2) respirable fraction	NE	LCLo (inhI-human) 300 mg/m ³ /10 years intermittent
		14467-46-1			
Morpholine	1-5	110-91-8	20 ppm (1,2) 30 ppm (3,4)	Rat: 1050 mg/kg Rabbit, skin: 500 mg/kg	Rat: 12,000 ppm (8 hr.)
Oleic Acid	1-5	112-80-1	NE	Rat: 20 ml/kg	NE
Non-Hazardous: Water	60-70	7732-18-5			

NOTES: (1) ACGIH TLV (TWA) (2) OSHA PEL (TWA) (3) ACGIH STEL (4) OSHA STEL (5) MFR/SUPPLIER TLV
LD50 VALUES ARE VIA ORAL ROUTE UNLESS OTHERWISE INDICATED

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid	APPEARANCE: Tan Opaque Liquid	ODOR: Slight solvent odor
VAPOR PRESSURE (mmHg): < 75	% VOLATILE: < 20	VAPOR DENSITY: NE
EVAPORATION RATE (BuAc=1): < 1	BOILING POINT (deg C): 80	FREEZING POINT (deg C): NE
pH: NE	DENSITY (g/ml): 1.01	SOLUBILITY IN WATER: Appreciable

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS:	NFPA Rating: 1 0 0
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, or Foam SPECIAL FIRE FIGHTING PROCEDURES: Use water spray or fog to cool fire exposed containers.	
FLASH POINT (PMCC) deg F: > 200	UPPER FLAMMABLE LIMIT (% BY VOLUME): NE
AUTOIGNITION TEMPERATURE (deg C): NE	LOWER FLAMMABLE LIMIT (% BY VOLUME): NE
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide and Carbon Monoxide	
EXPLOSION SENSITIVITY TO IMPACT: NE	SENSITIVITY TO STATIC DISCHARGE: No

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS:
INCOMPATIBILITY WITH OTHER SUBSTANCES: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? Strong oxidizers.
REACTIVITY, AND UNDER WHICH CONDITIONS? Product is not considered highly reactive.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and Carbon Monoxide

PRODUCT NAME(S): Ice Creme B Compound

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTIONS

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

May cause respiratory irritation. Exposure to high concentrations may cause headache, dizziness, and nausea. Eye contact may cause burning and irritation. Skin contact is a possible route of entry. Also, see information on crystalline silica (next entry).

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

Prolonged or repeated skin contact may lead to drying, irritation, and dermatitis. This product may contain crystalline silica, which is known to cause cancer by inhalation. If this product is used with mechanical polishing, dusts may be created that can be a chronic inhalation hazard. See Section 7 for measures to prevent exposure

EXPOSURE LIMITS: See SECTION 2	IRRITANCE OF PRODUCT: Mild: Eyes, skin and respiratory	SENSITIZATION TO PRODUCT: NE	CARCINOGENICITY: See note below under "Other Information"
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TERATOGENICITY: NE	REPRODUCTIVE TOXICITY: NE	MUTAENICITY: NE	SYNERGISTIC PRODUCTS: NE
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SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

CLOTHING (SPECIFY):

Wear chemically resistant gloves and clothing as needed to prevent skin contact.

RESPIRATORY (SPECIFY):

If TLV or PEL is exceeded, wear NIOSH approved respirator for organic vapors, For mechanical polishing, wear a dust mask.

EYE (SPECIFY):

Wear chemical safety goggles

OTHER (SPECIFY):

If possible, eye wash and safety shower should be available.

ENGINEERING CONTROLS (SPECIFY):

Local exhaust may be necessary under usage/handling conditions. Specific needs should be addressed by health/safety personnel.

LEAK/SPILL PROCEDURE:

Wear personal protective equipment. Remove heat and ignition sources, ventilate area, clean up with inert absorbent.

WASTE DISPOSAL:

Waste may be burned in an approved incinerator or disposed of according to local, state, provincial and federal regulations.

HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS:

Store in closed container in cool, dry location, away from direct sunlight or sources of intense heat.

SPECIAL SHIPPING INFORMATION:

KEEP FROM FREEZING
NOT REGULATED BY D.O.T.

OTHER INFORMATION:

Diatomaceous Earths may contain crystalline silica, which is considered a carcinogenic by inhalation (IARC, NTP, California). However, with hand application respirable dusts are not created. Use of mechanical polishing may necessitate respiratory PPE to limit exposure.

SECTION 8 - FIRST AID MEASURES

SYMPTOMS/EFFECTS OF OVEREXPOSURE:

Respiratory irritation. High concentrations may cause headache, dizziness, and nausea. Prolonged or repeated exposure may lead to skin irritation and dermatitis. Eye contact is irritating and may cause damage.

EYES:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

SKIN:

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

INHALATION:

Move victim to fresh air and treat symptomatically. Seek medical attention if irritation persists.

INGESTION:

Contact local poison control center or physician IMMEDIATELY!

SECTION 9 - MSDS PREPARATION INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS OFFERED IN GOOD FAITH AS TYPICAL VALUES ARE NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS HERE BY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

PREPARED BY:

RadTech, LLC.

DATE:

05/05/2014